LAND AND CLIMATE¹¹ Size

Nebraska measures 459 miles (740 kilometers) across at its widest point, following a diagonal from southeast to northwest. Nebraska's total area, including land and water, is 77,358 square miles (200,358 square kilometers) — almost 20 percent larger than New England. The state's land area alone is 76,878 square miles (199,113 square kilometers). Nebraska ranks 16th among the states in land and water area and 15th in land area alone.

Elevation

Nebraska's elevation rises gradually from southeast to northwest in a series of rolling plateaus. The lowest point, 840 feet (256 meters) above sea level, is in southeastern Richardson County at the Missouri River. The highest point, 5,424 feet (1,654 meters) above sea level, is in southwestern Kimball County. Nebraska's average elevation is 2,600 feet (793 meters).

Geographic Regions

Nebraska has two major geographic regions — the Dissected Till Plains and the Great Plains. The Great Plains can be divided into smaller areas, among them the Loess Plains, the Loess Hills, the Sandhills and the High Plains.

The Dissected Till Plains formed when Ice Age glaciers left behind a rich soil-forming material, called till, over the eastern fifth of the state. Windblown dust (loess) later settled on the till, and over the years, streams dissected the region, forming a rolling terrain. Along the Missouri River, the terrain includes bluffs and river-deposited lowlands. This combination makes the Dissected Till Plains well-suited for farming.

The Great Plains stretch west across the rest of the state. The largest of its subregions is the nearly 20,000 square miles of sand hills north of the North Platte and Platte rivers that stretch to South Dakota. The Sandhills, the largest stabilized sand dune area in North America, were formed by wind whipping sand into hills and ridges interspersed with valleys that contain streams, lakes and wetlands. Grasses have stabilized the dunes. The abundant water and grasslands make this area ideal for raising cattle.

The Loess Plains consist of windblown silt (loess) that covers about 7,948 square miles of relatively flat, intensively farmed land in south-central Nebraska interspersed with lakes and wetlands. This region is sometimes called the "Rainwater Basin" or "Rainbasin." The Loess Hills lie north of the Platte River and south and east of the Sandhills. Here, windblown silt has formed rolling hills where farms and ranches predominate.

¹¹ Information for this section compiled from the following sources: Conservation and Survey Division, University of Nebraska-Lincoln; Nebraska Department of Natural Resources; Nebraska Game and Parks Commission; Natural Resources Conservation Service, U.S. Department of Agriculture; Nebraska State Climate Office, High Plains Climate Center; National Oceanic and Atmospheric Association, U.S. Department of Commerce; Statistical Abstract of the United States, Bureau of the Census, U.S. Department of Commerce; The Nebraska Databook, Nebraska Department of Economic Development.

The High Plains lies northwest, southwest and due west of the Sandhills. In its 12,000 square miles are the scenic Wildcat Hills and Pine Ridge areas in the southern and northern Panhandle, respectively. A small area of the Badlands, which are mostly in South Dakota, extends into Nebraska. This unusual landscape in the northwestern part of the state has been carved by erosion and is characterized by steep, mostly bare hills of siltstone and sandstone and by mushroom-like cap rocks on more narrow pedestals. These rocks are especially distinctive in Toadstool Park.



Toadstool Park in Northwest Nebraska's Badlands

Mineral Resources

Petroleum and natural gas fields lie in the Panhandle and southwestern and southeastern parts of Nebraska. ¹² Sand and gravel deposits are found along the Platte and Republican rivers, their tributaries and elsewhere. These deposits are mined largely for construction purposes. Limestone quarries lie near the Missouri River in the southeast. Other minerals produced in Nebraska include sandstone; clay, usually for brick or tile; shale; and uranium, which is mined as a slurry in one location in northwestern Nebraska.

¹² For details on Nebraska oil and gas production, see Page 691.

Water and Soil Conservation

Nebraskans have long realized that using soil and water resources wisely is important, particularly because of the state's agricultural economy. Irrigation ditches were constructed in Nebraska as early as 1856. However, Nebraska's extensive irrigation system stems from the droughts of the 1890s and 1930s.

Initially, Nebraska received all its irrigation water from streams and rivers. These waterways continue to supply water for Nebraska's cropland today. The Platte, Loup and Republican rivers are especially important.

Since 1940, irrigation from wells has increased dramatically. In 2007, the state had 104,379 registered wells. In 2001, there were 8.2 million acres of irrigated land in Nebraska.¹³

During the drought of the 1930s, the federal government created extensive soil conservation programs. By 1950, all of Nebraska's farm and ranch land was included in soil conservation districts. Local watershed groups were organized by 1954 legislation.

Today, Nebraska is divided into 23 natural resources districts (NRDs).¹⁴ These governmental units have local responsibility for soil and water conservation and protection. The state has given NRDs a variety of regulatory tools to deal with contamination, groundwater shortages and user conflicts that occur.



Cattle Grazing near a Center-Pivot Irrigation System

¹³ Source: Nebraska Department of Natural Resources and the USDA Nebraska Agricultural Statistics Service. For more irrigation statistics, see Page 484.

¹⁴ For more information on NRDs, see Pages 573 and 879.

Rivers and Lakes

Nebraska is the only state that lies entirely within the drainage area of the Missouri River, which flows along Nebraska's northern and eastern borders for about 450 miles. Its major tributary in Nebraska is the Platte River, which flows across the state from west to east.

The Platte River begins where the North and South Platte rivers meet near the city of North Platte. The Platte, which is too shallow for navigation, was described as "a mile wide and an inch deep" by early explorers and pioneers crossing Nebraska. Today, the river is used for irrigation, municipal water supply, recreation and hydroelectric power production.



Niobrara River near Valentine

The Platte's main tributaries are the Loup and Elkhorn rivers, which originate in the Sandhills and flow southeast across north-central Nebraska. The Niobrara River drains northern Nebraska; the Republican, Big Blue, Little Blue and Nemaha rivers drain southern and southeastern Nebraska, respectively.

Nebraska has about 2,500 small lakes, both natural and man-made. Hundreds of natural, shallow lakes dot the landscape of the Sandhills. Lake McConaughy, the state's largest lake (about 55 square miles), was formed by the construction of the Kingsley Dam on the North Platte River. Other large man-made lakes include Jeffrey and Sutherland reservoirs on the Platte River system; Swanson, Medicine Creek and Harlan County reservoirs on the Republican River; Enders Reservoir on the Frenchman River; Calamus Reservoir on the Calamus River system; and Lewis and Clark Lake on the Missouri River system.

One of Nebraska's greatest water resources lies not above, but below ground. The state's vast underground water supply, accumulated over thousands of years, is about 1.9 billion acre-feet, enough to cover the state with an estimated 34 feet of water. This

water supply — much of it part of the Ogallala Aquifer — is used extensively for irrigation.

Climate

An old expression about weather in Nebraska is that if you don't like it now, wait five minutes and it will change.

Nebraskans often experience extremes in temperature and frequent changes in the weather. Tornadoes, thunderstorms, blizzards and hailstorms are part of hot summers and severely cold winters. Temperature and rainfall vary greatly from year to year. The spring and fall seasons usually are pleasant. The temperature gradually drops from



Thunderstorm Building Over the Plains

southeastern to northwestern Nebraska, except in the coldest part of the year.

The highest temperature ever recorded in Nebraska, 118 degrees Fahrenheit (48 degrees Celsius), was on July 15, 1934, at Geneva; on July 17, 1936, at Hartington; and on July 24, 1936, at Minden. The lowest temperature on record, minus 47 F (minus 44 C), was at Camp Clarke near

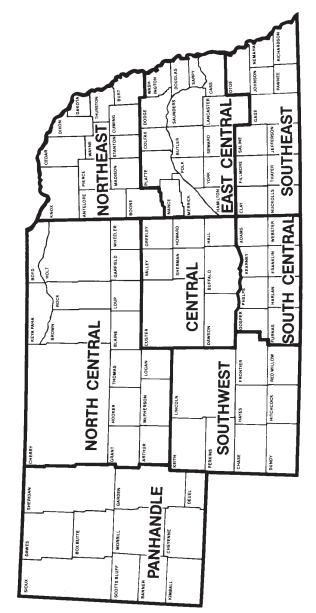
Northport on Feb. 12, 1899, and at Oshkosh on Dec. 22, 1989.

Like the temperature, precipitation and humidity decrease gradually from east to west across Nebraska. The unpredictable nature of rain results in drought some years and flooding in others.

Nebraska's growing season ranges from about 165 days in the southeast to 120 days in the northwest. Killing frosts usually occur from about Oct. 15 to April 25 in the southeast and about Sept. 20 to May 20 in the northwest.

Prevailing winds blow across Nebraska from the northwest between October and April, and from the south and southeast during other times. Average wind velocity is about 10 miles (16 kilometers) per hour. Tornadoes are not uncommon in the spring and summer. An average of 41 are spotted every year, and some of them can cause extensive damage.

Nebraska Climatic Divisions¹⁵



¹⁵ Source: National Oceanic and Atmospheric Administration, U.S. Department of Commerce.

Climate of Nebraska* Normal Temperature¹⁶

Par Month hand		North- east	Central	East Central	South- west	South Central	South- east
January24.1	21.5	19.6	22.3	22.0	25.1	24.7	23.8
February28.6	27.3	25.7	28.1	27.9	31.0	30.5	29.8
March35.0	36.1	36.5	37.5	38.6	39.1	39.8	40.5
April45.3	46.7	48.7	48.4	50.6	48.8	50.5	51.6
May55.7	57.6	60.2	59.1	61.5	58.7	60.6	62.0
June65.7	67.5	70.1	69.2	71.7	69.2	71.1	72.1
July72.9	73.3	74.6	74.2	76.0	74.9	76.3	76.7
August70.8	71.4	72.3	72.1	73.6	73.0	74.0	74.5
September 60.6	61.4	63.1	62.7	64.7	63.2	64.7	65.7
October48.8	49.3	50.9	50.6	52.7	51.1	52.6	53.8
November34.7	33.7	34.8	35.1	37.1	36.6	37.3	38.8
December 26.7	24.3	23.2	25.2	25.6	27.8	27.6	27.6
Annual47.4	47.5	48.3	48.7	50.2	49.9	50.8	51.4

Average Humidity, Wind and Weather¹⁶

Station	Relative Humidity (Percent)	Mean Wind Velocity (MPH)	Prevail- ing Wind Direction	Sunshine (Percent of Pos- sible)	Number of Days Cloudy/ Not ¹⁷	Annual Number of Days with Measurable Precipitation
Grand Island	68	11.2	S	=	140/225	89.8
Lincoln	70	9.8	S	62	150/215	93.6
Norfolk	69	10.8	S	-	145/220	94.7
North Platte	66	9.5	NW	66	139/226	87.6
Omaha	70	10.0	S	60	146/219	99.9
Scottsbluff	61	10.1	NW	-	137/228	89.8
Valentine	63	9.8	NW	66	137/228	86.9

Normal Precipitation¹⁶

Month	Pan- handle	North Central	North- east	Central	East Central	South- west	South Central	South- east
January	40	.45	.54	.51	.67	.47	.46	.73
February	44	.58	.70	.61	.71	.52	.56	.81
March	1.08	1.47	2.01	1.86	2.24	1.34	1.92	2.38
April	1.85	2.32	2.81	2.56	2.94	1.97	2.25	2.90
May	3.10	3.64	4.05	3.89	4.51	3.30	4.07	4.42
June	2.67	3.40	4.01	3.78	4.05	3.18	5.42	3.85
July	2.39	3.32	3.41	3.42	3.60	3.03	3.70	4.30
August	1.70	2.46	3.01	2.80	3.35	2.44	3.07	3.49
September	1.43	2.06	2.42	2.14	2.86	1.40	2.11	3.20
October	1.07	1.52	1.91	1.51	2.12	1.25	1.47	2.22
November	64	1.04	1.51	1.27	1.68	.86	1.27	1.80
December	41	.48	.68	.57	.85	.43	.53	.93
Annual	17.18	22.74	27.06	24.92	29.58	20.19	24.83	31.03

^{*}Source: Nebraska State Climate Office, the High Plains Climate Center and the National Oceanic and Atmospheric Administration.

¹⁶ Figures based National Climatic Data Center 2007 individual stations norms, means and extremes. Time periods vary by station

¹⁷ The designation "not cloudy" is a combination of days that are clear and those that are partly cloudy.

Climate of Nebraska (Cont'd.) Snowfall, 1956-2007¹⁸

1956-57	Year	Pan- handle	North Central	North- east	Central	East Central	South- west	South Central	South- east
1957-58 46.7 33.0 27.8 33.9 35.4 44.4 52.0 36.2 1958-50 53.7 41.5 30.9 35.3 28.3 44.0 32.2 20.2 1959-60 36.4 52.5 61.0 47.0 59.9 50.1 52.1 62.0 1960-61 45.8 40.0 27.5 26.1 17.2 35.1 20.6 18.6 18.6 1962-62 22.9 33.4 27.1 21.6 22.3 25.2 21.2 18.0 18.6 1962-63 37.0 31.1 23.2 29.5 33.4 27.1 21.6 22.2 12.2 18.0 1964-65 27.3 23.0 37.5 28.3 48.5 26.3 30.2 21.2 18.0 1964-66 27.3 23.0 37.5 28.3 48.5 26.3 30.2 21.2 18.0 196-67 29.3 21.4 16.4 26.5 22.1 19.0 20.1 21.8 190.0 19.2 19.0 15.3									
1958-59 35.7									27.7
1959-60									
1960-61									
1961-62									
1962-63 37.0 31.1 23.2 29.5 33.4 27.1 21.6 22.3 1963-64 28.4 24.5 23.3 29.1 22.3 25.2 21.2 18.0 1964-65 27.3 25.0 37.5 28.3 48.5 26.3 30.2 35.7 1965-66 38.7 25.1 16.8 15.3 11.4 23.9 12.8 90 1966-67 29.3 21.4 16.4 26.5 22.1 19.0 20.1 21.4 1967-68 44.6 20.3 9.0 12.3 9.0 15.3 11.3 12.7 1968-69 29.8 42.6 53.0 44.6 44.9 26.5 22.1 19.0 20.1 21.4 1967-70 59.1 51.5 33.9 30.1 22.8 43.4 27.2 22.5 1970-71 48.3 43.8 26.1 30.8 38.0 41.1 24.9 45.4 1971-72 22.6 21.1 22.7 11.7 17.8 9.7 9.9 17.1 1972-73 58.0 38.0 33.0 30.7 36.0 32.6 22.6 34.4 31.7 37.7 22.6 34.4 31.7 34.4 34.4 30.5 36.1 25.0 38.6 30.7 37.6 28.0 1974-75 42.6 36.6 41.0 29.8 45.6 23.3 26.4 39.7 1975-76 58.4 43.4 30.5 36.1 25.0 38.6 30.7 29.1 1976-77 34.0 40.5 16.7 21.9 19.3 26.5 15.2 18.4 1977-78 42.8 39.2 38.1 39.6 38.5 30.1 25.7 35.2 1978-79 60.0 49.1 44.0 35.0 40.0 30.0 25.0 34.1 1979-80 68.3 52.4 25.8 43.5 28.0 64.4 41.6 33.4 1980-81 19.5 14.3 13.2 13.0 12.6 20.3 13.5 10.2 1982-83 50.2 39.7 48.6 31.2 32.6 33.2 31.5 27.9 1983-84 45.3 56.9 26.1 32.0 18.7 31.3 26.6 27.4 24.2 29.8 45.6 23.3 23.8 24.4 29.8 45.6 23.3 23.8 24.4 29.8 35.8 44.4 40.8 33.8 30.6 33.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39.6 38.5 30.1 25.7 35.2 34.1 39									
1963-64 28.4									
1964-65									
1965-66									18.0
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1968-69 29.8 42.6 53.0 44.6 44.9 26.7 38.3 34.9 1969-70 59.1 51.5 33.9 30.1 22.8 43.4 27.2 22.5 1977-71 48.3 43.8 26.1 30.8 38.0 41.1 24.9 45.4 1971-72 22.6 21.1 22.7 11.7 17.8 9.7 9.9 17.1 1972-73 58.0 38.0 33.0 30.7 36.0 32.6 22.6 34.4 1973-74 50.7 35.8 24.5 39.9 36.9 37.1 37.6 28.0 1974-75 42.6 36.6 41.0 29.8 45.6 23.3 26.4 39.7 1975-76 58.4 43.4 30.5 36.1 25.0 38.6 30.7 22.1 1976-77 34.0 40.5 16.7 21.9 19.3 26.5 15.2 18.4 1978-79 60.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>19.0</td><td></td><td></td></t<>							19.0		
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1975-76 58.4 43.4 30.5 36.1 25.0 38.6 30.7 29.1 1976-77 34.0 40.5 16.7 21.9 19.3 26.5 15.2 18.4 1977-78 42.8 39.2 38.1 39.6 38.5 30.1 25.7 35.2 1978-79 60.0 49.1 44.0 35.0 40.0 30.0 25.0 34.1 1979-80 68.3 52.4 25.8 43.5 28.0 64.4 41.6 33.4 1980-81 19.5 14.3 13.2 13.0 12.6 20.3 13.5 10.2 1981-82 23.8 41.4 40.8 33.8 30.6 18.0 22.6 26.0 1982-83 50.2 39.7 48.6 31.2 32.6 33.2 31.5 27.9 1983-84 45.3 56.6 64.7 61.4 49.2 49.0 53.8 44.4 1984-85 24.6			35.8	24.5	39.9	36.9	37.1	37.6	28.0
1976-77			36.6	41.0	29.8		23.3		
1977-78 42.8 39.2 38.1 39.6 38.5 30.1 25.7 35.2 1978-79				30.5	36.1	25.0	38.6	30.7	29.1
1978-79 60.0 49.1 44.0 35.0 40.0 30.0 25.0 34.1 1979-80 68.3 52.4 25.8 43.5 28.0 64.4 41.6 33.4 1980-81 19.5 14.3 13.2 13.0 12.6 20.3 13.5 10.2 1981-82 23.8 41.4 40.8 33.8 30.6 18.0 22.6 26.0 1982-83 50.2 39.7 48.6 31.2 32.6 33.2 31.5 27.9 1983-84 45.3 56.6 64.7 61.4 49.2 49.0 53.8 44.4 1984-85 24.6 21.6 17.5 22.4 21.3 26.6 27.4 24.2 1988-86 63.4 50.5 32.3 24.5 21.8 42.6 23.4 16.9 1987-88 54.3 56.9 26.1 32.0 18.7 31.7 21.7 20.6 1988-89 27.5	1976-77	34.0	40.5	16.7	21.9	19.3	26.5	15.2	18.4
1979-80 .68.3 52.4 25.8 43.5 28.0 64.4 41.6 33.4 1980-81 .19.5 14.3 13.2 13.0 12.6 20.3 13.5 10.2 1981-82 .23.8 41.4 40.8 33.8 30.6 18.0 22.6 26.0 1982-83 .50.2 39.7 48.6 31.2 32.6 33.2 31.5 27.9 1983-84 .45.3 56.6 64.7 61.4 49.2 49.0 53.8 44.4 1984-85 .24.6 21.6 17.5 22.4 21.3 26.6 27.4 24.2 1985-86 .63.4 50.5 32.3 24.5 21.8 42.6 23.4 16.9 1986-87 .44.5 33.9 15.4 26.7 19.2 35.3 23.8 25.4 1987-88 .54.3 56.9 26.1 32.0 18.7 31.7 21.7 20.6 1988-90 .41.7 <td>1977-78</td> <td>42.8</td> <td>39.2</td> <td>38.1</td> <td>39.6</td> <td>38.5</td> <td>30.1</td> <td>25.7</td> <td>35.2</td>	1977-78	42.8	39.2	38.1	39.6	38.5	30.1	25.7	35.2
1980-81 .19.5 14.3 13.2 13.0 12.6 20.3 13.5 10.2 1981-82 .23.8 41.4 40.8 33.8 30.6 18.0 22.6 26.0 1982-83 .50.2 39.7 48.6 31.2 32.6 33.2 31.5 27.9 1983-84 .45.3 56.6 64.7 61.4 49.2 49.0 53.8 44.4 1984-85 .24.6 21.6 17.5 22.4 21.3 26.6 27.4 24.2 1985-86 .63.4 50.5 32.3 24.5 21.8 42.6 23.4 16.9 1986-87 .44.5 33.9 15.4 26.7 19.2 35.3 23.8 25.4 1987-88 .54.3 56.9 26.1 32.0 18.7 31.7 21.7 20.6 1988-89 .27.5 22.4 21.7 20.5 19.2 20.4 15.2 15.7 1989-90 .41.7 <td></td> <td></td> <td>49.1</td> <td>44.0</td> <td>35.0</td> <td>40.0</td> <td>30.0</td> <td>25.0</td> <td>34.1</td>			49.1	44.0	35.0	40.0	30.0	25.0	34.1
1981-82 23.8 41.4 40.8 33.8 30.6 18.0 22.6 26.0 1982-83 50.2 39.7 48.6 31.2 32.6 33.2 31.5 27.9 1983-84 45.3 56.6 64.7 61.4 49.2 49.0 53.8 44.4 1984-85 24.6 21.6 17.5 22.4 21.3 26.6 27.4 24.2 1986-87 44.5 33.9 15.4 26.7 19.2 35.3 23.8 25.4 1987-88 54.3 56.9 26.1 32.0 18.7 31.7 21.7 20.6 1988-89 27.5 22.4 21.7 20.5 19.2 20.4 15.2 15.7 1989-90 41.7 26.5 20.8 26.0 20.2 21.4 17.7 20.6 1990-91 36.2 38.9 37.0 27.4 29.0 27.3 13.5 18.8 1991-92 26.3	1979-80	68.3	52.4	25.8	43.5	28.0	64.4	41.6	33.4
1982-83 50.2 39.7 48.6 31.2 32.6 33.2 31.5 27.9 1983-84 45.3 56.6 64.7 61.4 49.2 49.0 53.8 44.4 1984-85 24.6 21.6 17.5 22.4 21.3 26.6 27.4 24.2 1985-86 63.4 50.5 32.3 24.5 21.8 42.6 23.4 16.9 1986-87 44.5 33.9 15.4 26.7 19.2 35.3 23.8 25.4 1987-88 54.3 56.9 26.1 32.0 18.7 31.7 21.7 20.6 1988-89 27.5 22.4 21.7 20.5 19.2 20.4 15.2 15.7 1989-90 41.7 26.5 20.8 26.0 20.2 21.4 17.7 20.6 1990-91 36.2 38.9 37.0 27.4 29.0 27.3 13.5 18.8 1991-92	1980-81	19.5	14.3	13.2	13.0	12.6	20.3	13.5	10.2
1983-84 45.3 56.6 64.7 61.4 49.2 49.0 53.8 44.4 1988-85 24.6 21.6 17.5 22.4 21.3 26.6 27.4 24.2 1985-86 63.4 50.5 32.3 24.5 21.8 42.6 23.4 16.9 1986-87			41.4	40.8	33.8	30.6	18.0	22.6	
1984-85 .24.6 21.6 17.5 22.4 21.3 26.6 27.4 24.2 1985-86	1982-83	50.2	39.7	48.6	31.2	32.6	33.2	31.5	27.9
1985-86	1983-84	45.3	56.6	64.7	61.4	49.2	49.0	53.8	44.4
1986-87	1984-85	24.6	21.6	17.5	22.4	21.3	26.6	27.4	24.2
1987-88 .54.3 56.9 26.1 32.0 18.7 31.7 21.7 20.6 1988-89 .27.5 22.4 21.7 20.5 19.2 20.4 15.2 15.7 1989-90 .41.7 26.5 20.8 26.0 20.2 21.4 17.7 20.6 1990-91 .36.2 38.9 37.0 27.4 29.0 27.3 13.5 18.8 1991-92 .26.3 28.6 31.1 30.8 26.6 28.7 22.8 24.4 1992-93 .63.8 46.7 43.6 42.0 39.4 50.1 48.1 39.2 1993-94 .40.8 39.1 37.4 35.7 22.8 40.8 40.6 17.4 1994-95 .57.2 48.1 29.6 26.9 21.9 35.0 19.4 16.3 1996-97 .33.1 35.1 39.0 24.2 22.1 26.2 22.8 19.2 21.8 1996-97	1985-86	63.4	50.5	32.3	24.5	21.8	42.6	23.4	16.9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1986-87	44.5	33.9	15.4	26.7	19.2	35.3	23.8	25.4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1987-88	54.3	56.9	26.1	32.0	18.7	31.7	21.7	20.6
1990-91 36.2 38.9 37.0 27.4 29.0 27.3 13.5 18.8 1991-92 26.3 28.6 31.1 30.8 26.6 28.7 22.8 24.4 1992-93 63.8 46.7 43.6 42.0 39.4 50.1 48.1 39.2 1993-94 40.8 39.1 37.4 35.7 22.8 40.8 40.6 17.4 1994-95 57.2 48.1 29.6 26.9 21.9 35.0 19.4 16.3 1995-96 40.1 39.0 24.2 22.1 26.2 22.8 19.2 21.8 1996-97 33.1 35.1 39.5 29.6 30.5 22.9 23.2 30.4 1997-98 31.4 31.7 28.8 25.3 36.5 19.6 31.6 37.6 1998-99 27.4 33.0 38.1 24.4 31.2 16.9 16.4 22.4 1999-2000 26.5	1988-89	27.5	22.4	21.7	20.5	19.2	20.4	15.2	15.7
1991-92 26.3 28.6 31.1 30.8 26.6 28.7 22.8 24.4 1992-93 63.8 46.7 43.6 42.0 39.4 50.1 48.1 39.2 1993-94 40.8 39.1 37.4 35.7 22.8 40.8 40.6 17.4 1994-95 57.2 48.1 29.6 26.9 21.9 35.0 19.4 16.3 1995-96 40.1 39.0 24.2 22.1 26.2 22.8 19.2 21.8 1996-97 33.1 31.7 28.8 25.3 36.5 22.9 23.2 30.4 1997-98 31.4 31.7 28.8 25.3 36.5 19.6 31.6 37.6 1998-99 27.4 33.0 38.1 24.4 31.2 16.9 16.4 22.4 1999-2000 26.5 11.7 12.9 13.5 11.5 16.8 17.1 8.7 2000-01 41.7	1989-90	41.7	26.5	20.8	26.0	20.2	21.4	17.7	20.6
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1990-91	36.2	38.9	37.0	27.4	29.0	27.3	13.5	18.8
1993-94 40.8 39.1 37.4 35.7 22.8 40.8 40.6 17.4 1994-95 57.2 48.1 29.6 26.9 21.9 35.0 19.4 16.3 1995-96 40.1 39.0 24.2 22.1 26.2 22.8 19.2 21.8 1996-97 33.1 35.1 39.5 29.6 30.5 22.9 23.2 30.4 1997-98 31.4 31.7 28.8 25.3 36.5 19.6 31.6 37.6 1998-99 27.4 33.0 38.1 24.4 31.2 16.9 16.4 22.4 1999-2000 26.5 11.7 12.9 13.5 11.5 16.8 17.1 8.7 2000-01 41.7 49.5 38.7 47.1 37.1 30.0 41.1 45.1 2001-02 27.5 24.5 24.6 19.4 24.0 16.2 18.4 21.4 2002-03 27.8	1991-92	26.3	28.6	31.1	30.8	26.6	28.7	22.8	24.4
1994-9557.2 48.1 29.6 26.9 21.9 35.0 19.4 16.3 1995-9640.1 39.0 24.2 22.1 26.2 22.8 19.2 21.8 1996-9733.1 35.1 39.5 29.6 30.5 22.9 23.2 30.4 1997-9831.4 31.7 28.8 25.3 36.5 19.6 31.6 37.6 1998-9927.4 33.0 38.1 24.4 31.2 16.9 16.4 22.4 1999-200026.5 11.7 12.9 13.5 11.5 16.8 17.1 8.7 2000-0141.7 49.5 38.7 47.1 37.1 30.0 41.1 45.1 2001-0227.5 24.5 24.6 19.4 24.0 16.2 18.4 21.4 2002-0327.8 33.4 35.1 32.0 30.4 24.5 20.6 17.7 2003-0429.8 23.7 34.3 19.9 32.1 18.0 21.4	1992-93	63.8	46.7	43.6	42.0	39.4	50.1	48.1	39.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1993-94	40.8	39.1	37.4	35.7	22.8	40.8	40.6	17.4
1996-97 33.1 35.1 39.5 29.6 30.5 22.9 23.2 30.4 1997-98 31.4 31.7 28.8 25.3 36.5 19.6 31.6 37.6 1998-99 27.4 33.0 38.1 24.4 31.2 16.9 16.4 22.4 1999-2000 26.5 11.7 12.9 13.5 11.5 16.8 17.1 8.7 2000-01 41.7 49.5 38.7 47.1 37.1 30.0 41.1 45.1 2001-02 27.5 24.5 24.6 19.4 24.0 16.2 18.4 21.4 2002-03 27.8 33.4 35.1 32.0 30.4 24.5 20.6 17.7 2003-04 29.8 23.7 34.3 19.9 32.1 18.0 21.4 28.5 2004-05 31.6 15.0 12.9 21.4 21.5 11.9 17.6 14.7 2005-06 36.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7	1994-95	57.2	48.1	29.6	26.9	21.9	35.0	19.4	16.3
1997-9831.4 31.7 28.8 25.3 36.5 19.6 31.6 37.6 1998-9927.4 33.0 38.1 24.4 31.2 16.9 16.4 22.4 1999-200026.5 11.7 12.9 13.5 11.5 16.8 17.1 8.7 2000-0141.7 49.5 38.7 47.1 37.1 30.0 41.1 45.1 2001-0227.5 24.5 24.6 19.4 24.0 16.2 18.4 21.4 2002-0327.8 33.4 35.1 32.0 30.4 24.5 20.6 17.7 2003-0429.8 23.7 34.3 19.9 32.1 18.0 21.4 28.5 2004-0531.6 15.0 12.9 21.4 21.5 11.9 17.6 14.7 2005-0636.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7	1995-96	40.1	39.0	24.2	22.1	26.2	22.8	19.2	21.8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			35.1	39.5	29.6	30.5	22.9	23.2	30.4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1997-98	31.4	31.7	28.8	25.3	36.5	19.6	31.6	37.6
2000-01 41.7 49.5 38.7 47.1 37.1 30.0 41.1 45.1 2001-02 27.5 24.5 24.6 19.4 24.0 16.2 18.4 21.4 2002-03 27.8 33.4 35.1 32.0 30.4 24.5 20.6 17.7 2003-04 29.8 23.7 34.3 19.9 32.1 18.0 21.4 28.5 2004-05 31.6 15.0 12.9 21.4 21.5 11.9 17.6 14.7 2005-06 36.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7			33.0	38.1	24.4	31.2	16.9	16.4	22.4
2001-0227.5 24.5 24.6 19.4 24.0 16.2 18.4 21.4 2002-0327.8 33.4 35.1 32.0 30.4 24.5 20.6 17.7 2003-0429.8 23.7 34.3 19.9 32.1 18.0 21.4 28.5 2004-0531.6 15.0 12.9 21.4 21.5 11.9 17.6 14.7 2005-0636.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7			11.7	12.9	13.5	11.5	16.8	17.1	8.7
2001-0227.5 24.5 24.6 19.4 24.0 16.2 18.4 21.4 2002-0327.8 33.4 35.1 32.0 30.4 24.5 20.6 17.7 2003-0429.8 23.7 34.3 19.9 32.1 18.0 21.4 28.5 2004-0531.6 15.0 12.9 21.4 21.5 11.9 17.6 14.7 2005-0636.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7	2000-01	41.7	49.5	38.7	47.1	37.1	30.0	41.1	45.1
2002-03 27.8 33.4 35.1 32.0 30.4 24.5 20.6 17.7 2003-04 29.8 23.7 34.3 19.9 32.1 18.0 21.4 28.5 2004-05 31.6 15.0 12.9 21.4 21.5 11.9 17.6 14.7 2005-06 36.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7			24.5	24.6	19.4	24.0	16.2	18.4	21.4
2004-0531.6 15.0 12.9 21.4 21.5 11.9 17.6 14.7 2005-0636.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7			33.4	35.1	32.0	30.4	24.5	20.6	17.7
2005-0636.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7	2003-04	29.8	23.7	34.3	19.9	32.1	18.0	21.4	28.5
2005-0636.0 42.4 36.9 34.7 27.9 17.8 23.5 18.7	2004-05	31.6	15.0	12.9	21.4	21.5	11.9	17.6	14.7
			42.4	36.9	34.7	27.9	17.8	23.5	18.7
2006-0729.7 33.6 31.0 20.7 25.6 29.8 19.2 22.3	2006-07	29.7	33.6	31.0	20.7	25.6	29.8	19.2	22.3

¹⁸ Snowfall totals start on July 1 and end June 30 of the next year. Snowfall statistics from years 1889-90 to 1955-56 are listed in the 1960 Nebraska Blue Book.

Climate of Nebraska (Cont'd.) Annual and Seasonal Precipitation, 1895-2007¹⁹

Panhandle		North	Central	Nor	Northeast		tral	
		Crop		Crop		Crop		Crop
Year	Annual	Season	Annual	Season	Annual	Season	Annual	Season
1895	18.55	14.68	16.48	13.44	18.77	15.88	19.31	16.65
	19.54	15.31	23.23	18.13	30.19	24.09	27.45	22.65
	18.31	12.12	23.40	15.27	25.74	17.17	26.49	18.16
	16.48	13.74	17.20	15.20	21.13	16.69	21.50	18.57
	15.93	11.01	18.25	13.46	21.78	17.05	19.38	15.85
	15.82	13.66	22.19	18.89	28.00	21.66	26.50	22.35
	17.61	13.95	23.39	17.92	26.08	19.05	25.95	19.31
	17.61	14.01	26.14	20.55	38.13	30.02	32.78	26.18
	17.88	14.42	24.64	20.44	29.42	24.56	28.64	23.88
	18.89	15.00	21.76	17.72	24.72	20.07	25.89	21.95
	23.52	19.36	29.67	24.88	34.07	26.73	33.66	27.98
	22.79	16.73	25.60	18.38	29.21	20.52	26.86	19.73
	18.39	15.03	18.75	15.74	21.71	18.29	19.83	17.86
	20.28	16.29 13.60	24.35 21.76	19.22 15.48	30.29 29.57	23.74 19.11	26.33 25.28	21.35 17.30
	18.12	10.30	16.54	13.48	29.57 16.68	19.11	25.28 17.05	17.30
	15.71	11.16	18.75	13.89	25.56	17.62	22.11	15.87
	20.11	14.95	20.08	14.69	21.04	14.50	20.52	13.78
	16.83	11.25	19.88	14.01	24.67	17.06	23.11	15.30
	16.50	13.30	19.25	15.43	23.61	18.57	21.78	17.60
	27.67	22.69	33.75	26.65	39.55	29.87	36.98	29.02
	14.82	10.64	18.11	14.51	21.99	17.25	18.41	15.30
	16.27	13.10	19.45	15.78	24.17	19.86	22.29	19.06
	17.63	13.03	20.29	14.20	25.58	16.99	22.31	14.68
1919	16.89	12.20	22.94	16.00	29.08	19.04	27.88	19.66
1920	19.65	15.57	23.36	18.27	26.46	19.92	27.08	21.06
1921	16.40	12.59	18.88	15.44	22.79	18.59	21.40	18.12
	14.45	10.55	14.58	10.12	20.11	12.98	16.23	11.27
	23.66	19.26	27.16	22.48	25.62	21.71	30.16	25.71
	15.51	10.35	20.31	14.26	23.59	16.83	22.43	16.27
	17.09	13.40	18.25	14.23	21.20	15.91	22.97	18.31
	17.60	13.79	18.77	14.11	22.79	17.22	20.52	15.82
	21.62	17.35	21.88	17.14	23.80	17.81	23.26	18.52
	16.35	12.24	19.25	14.06	26.70	17.87	24.21	16.52
	18.13	13.81 16.10	21.94 24.50	15.36	24.22 26.68	16.71 19.27	24.18 29.76	18.10 22.67
	20.27	7.30	15.58	18.12 10.30	21.95	13.70	18.93	11.65
	13.76	10.61	19.48	15.82	25.58	19.41	23.74	19.13
	16.77	14.35	18.76	15.31	20.83	14.31	21.78	17.53
	10.98	8.13	14.05	10.54	19.26	13.58	13.43	8.78
	16.93	14.45	20.69	17.74	23.66	19.05	23.95	20.76
	11.45	7.83	15.04	10.38	15.98	10.45	14.95	11.45
	12.35	8.70	16.56	12.89	22.53	15.80	20,65	15.74
	19.70	16.46	20.85	17.69	25.34	20.92	19.91	17.24
	12.35	8.21	17.04	12.70	17.28	12.49	16.74	13.63
	12.92	8.65	15.15	9.46	25.88	17.04	15.14	9.33
	20.01	15.39	22.48	17.38	26.13	19.91	23.07	19.20
	23.30	18.55	22.72	18.85	24.62	18.38	27.78	23.56
	13.85	10.76	17.28	14.00	18.98	14.55	18.16	16.24
	20.20	14.06	24.77	18.74	35.37	28.50	24.75	19.18
	18.86	15.62	19.32	16.47	27.45	22.33	21.82	19.57
	17.76	12.70	24.47	15.28	28.51	18.18	26.28	16.07
	20.54	16.52	20.93	16.83	25.79	18.13	23.84	19.05
	17.35	13.23	19.44	15.67	25.24	17.44	21.37	16.48
	19.24	14.25	24.51	16.03	26.42	19.09	24.82	19.43
1950	15.44	13.13	22.41	18.30	26.61	21.15	24.92	21.08

¹⁹Rainfall totals start Jan. 1 and end Dec. 31. Annual rainfall statistics from 1850 to 1894 are listed in the 1960 Nebraska Blue Book. Seasonal means crop season, which is from April 1 to Sept. 30.

Climate of Nebraska (Cont'd.) Annual and Seasonal Precipitation, 1895-2007 (Cont'd.)

Panhandle		North	Central	Nor	theast	Central		
		Crop		Crop		Crop		Crop
Year	Annual	Season	Annual	Season	Annual	Season	Annual	Season
1951	21.25	17.87	30.15	25.16	35.55	27.21	27.19	22.95
1952	14.91	11.35	15.83	11.77	25.92	20.60	17.71	13.52
1953	17.12	12.58	21.27	15.04	24.69	17.55	21.16	15.00
1954		11.25	18.73	14.93	24.54	18.18	18.71	15.26
1955	17.69	14.37	15.93	12.82	17.99	14.60	17.06	14.06
1956		10.39	15.14	11.47	17.55	14.02	15.25	12.03
1957	20.57	17.25	25.78	20.80	28.98	21.95	29.50	23.97
1958		15.01	21.45	18.43	22.75	18.62	22.34	18.56
1959		11.87	19.96	14.53	30.28	21.41	23.65	17.03
1960		10.27	21.55	17.09	29.07	22.97	24.91	18.90
1961		14.15	19.03	15.49	22.74	17.09	23.20	18.93
1962		16.14	28.00	24.19	27.71	22.00	28.58	23.52
	16.96	13.15	20.90	17.45	23.25	19.93	20.48	17.02
	11.46	9.91	19.17	16.84	27.12	23.38	21.17	17.64
1965		18.40	24.01	20.92	31.64	27.71	31.45	27.05
	16.16	13.15	18.53	15.57	22.75	17.84	19.50	15.74
1967		16.48	18.73	16.15	23.22	20.34	23.56	20.95
1968		14.42	21.06	16.79	25.26	16.86	23.86	18.27
1969		11.27	17.89	12.28	25.51	17.69	24.30	16.34
1970		11.46	17.62	13.72	23.95	17.01	19.36	15.72
1971		14.97	23.99	17.04	25.82	16.63	24.61	16.42
1972		14.26	22.15	17.69	29.81	23.80	23.20	18.51
1973		14.66	25.46	18.49	30.42	19.42	30.75	21.26
1974		8.96	14.79	12.18	18.10	14.78	16.49	12.69
1975 1976		10.47	17.42	12.60	24.62 16.52	17.92	23.09	17.36 17.32
1976		10.85	16.69	13.94 22.55		12.69	20.91	26.59
1977		14.94 14.41	30.87 22.01	22.55 17.69	32.32 23.43	23.22 19.13	34.95 23.58	18.61
1979		13.19	24.79	17.59	30.54	18.75	25.98	17.09
1980		9.30	15.53	10.84	17.09	13.36	15.67	10.69
1981		13.84	22.72	16.51	23.50	16.22	26.59	19.63
1982		16.88	25.80	17.12	34.19	21.79	27.81	18.97
1983		13.23	27.05	19.86	30.45	18.63	25.65	17.25
1984		11.76	24.40	17.32	36.34	24.86	31.33	20.86
1985		10.92	21.03	17.15	26.35	21.95	27.73	23.64
1986		15.75	27.16	21.94	32.72	24.64	25.02	19.41
1987		12.83	24.18	14.88	26.40	16.43	28.34	17.14
1988		14.49	23.41	20.01	20.70	17.55	22.13	19.55
1989		9.62	13.44	10.78	17.20	13.57	20.38	17.75
1990		11.80	21.11	15.63	25.60	18.88	22.79	15.96
1991		13.91	21.41	16.21	26.24	18.18	23.03	15.91
1992		12.14	24.34	17.56	33.76	22.45	24.94	16.70
1993		15.54	28.72	22.93	35.72	29.29	34.02	28.06
1994		8.27	22.79	17.70	27.12	21.62	23.29	17.46
1995		16.61	28.77	22.19	32.24	24.26	24.33	19.30
1996		15.65	23.20	19.22	27.52	21.14	26.34	22.00
1997		14.64	21.47	17.33	22.17	17.24	23.29	17.81
1998		12.92	27.53	18.96	32.91	22.70	24.28	17.06
1999		17.21	21.24	18.76	27.63	24.26	25.27	22.56
2000		11.45	19.47	13.67	23.31	15.56	20.36	13.22
2001		13.42	25.44	20.45	23.63	18.22	28.07	20.49
2002		7.83	14.74	10.82	20.66	15.60	15.77	11.71
2003		11.78	17.66	13.80	24.79	19.79	20.44	16.95
2004		12.60	22.46	17.36	27.86	20.15	25.19	19.06
2005		16.42	25.82	20.76	28.66	21.76	22.72	18.77
2006		9.91	19.49	13.90	27.14	19.13	24.21	16.99
2007	15.36	10.78	29.06	19.92	37.59	24.43	33.26	24.65

Climate of Nebraska (Cont'd.) Annual and Seasonal Precipitation, 1895-2007 (Cont'd.)

East Central		Central	Southwest		South	n Central	Southeast		
		Crop		Crop		Crop		Crop	
Year	Annual	Season	Annual	Season	Annual	Season	Annual	Season	
1895 1896		18.91 28.38	18.20	14.60 17.42	19.99 26.32	17.07 21.69	25.28 35.53	21.46 28.92	
1897		18.27	21.85 22.63	14.88	25.58	17.20	26.79	18.92	
1898		20.12	20.04	18.13	22.46	19.38	30.16	22.39	
1899		19.86	16.81	13.02	19.58	15.93	27.54	21.95	
1900		23.50	20.96	18.44	26.77	22.65	34.01	26.61	
1901		18.41	20.25	15.15	25.23	18.74	26.83	18.99	
1902		34.28	23.88	18.89	31.26	24.52	42.13	33.04	
1903	35.73	29.71	23.41	19.03	27.90	22.50	40.00	33.05	
1904		23.43	22.34	19.76	26.28	22.47	31.47	26.94	
1905		30.78	30.64	25.64	33.48	27.32	39.60	29.87	
1906		20.14	24.59	17.96	26.39	18.98	29.80	21.01	
1907		19.86	17.68	15.49	20.95	18.40	26.08	19.91	
1908		28.12	23.20	18.91	27.51	22.12	35.94	28.25	
1909		21.43	21.19	15.31	26.44	17.79	34.57	21.56	
1910 1911		17.34 19.56	16.37 19.07	13.80 13.64	16.72 21.64	14.84 14.21	22.56 29.21	20.69 19.02	
1911		15.94	21.48	15.04	22.73	15.56	27.59	19.02	
1912		19.10	19.59	13.04	23.07	15.37	29.10	18.49	
1914		20.24	18.88	15.29	21.68	17.55	26.65	20.77	
1915		34.09	33.45	26.56	36.93	28.89	46.27	36.62	
1916		18.27	17.42	14.04	18.97	15.69	24.47	19.14	
1917		21.58	18.67	16.07	21.03	18.70	23.92	20.68	
1918		19.08	20.25	13.78	22.85	14.36	30.68	19.76	
1919		22.34	23.02	16.75	27.75	19.39	33.45	22.57	
1920		22.05	21.34	16.74	25.80	19.59	30.87	23.14	
1921		21.64	18.44	15.40	20.67	17.73	27.32	22.91	
1922		13.63	14.09	10.59	19.08	13.65	26.09	16.92	
1923		26.57	28.92	24.11	31.65	26.77	35.68	30.04	
1924		18.88	17.42	11.70	21.59	15.10	29.21	21.63	
1925 1926		19.93 20.22	18.88 19.12	14.82 14.49	22.69 21.06	17.96 15.89	28.91 28.68	22.87 21.32	
1927		20.22	22.53	17.93	23.96	19.60	31.60	24.36	
1928		19.52	20.09	13.92	26.56	17.80	33.60	21.64	
1929		18.95	21.92	16.80	24.67	18.49	28.17	20.11	
1930		21.58	26.71	21.10	29.24	21.95	29.68	21.41	
1931		20.34	16.03	9.82	21.50	13.82	33.15	21.83	
1932		21.99	17.22	14.68	19.20	14.67	26.41	20.03	
1933		17.00	20.50	17.88	20.58	16.96	23.18	17.37	
1934		9.04	13.74	10.33	13.20	8.82	19.36	11.82	
1935		21.77	22.05	19.58	22.71	19.50	31.11	24.05	
1936		10.79	14.60	12.28	13.31	11.38	18.42	14.16	
1937		15.35	16.12	12.12	18.82	14.35	21.33	15.02	
1938		21.97	18.39	15.86	20.90	18.31	29.74	24.46	
1939		14.13	14.45	10.48	16.64	13.34	21.66	15.56	
1940 1941		13.86 18.82	16.70 22.77	10.73 18.20	17.36 28.05	10.51 22.59	23.92 35.46	14.69 23.75	
1941		19.12	25.06	20.34	27.85	23.08	31.59	24.41	
1943		17.72	12.55	10.16	16.59	14.86	25.44	21.52	
1944		28.36	23.41	16.93	30.31	22.85	39.74	30.48	
1945		27.89	19.19	17.31	21.61	18.44	31.22	25.23	
1946		18.68	24.93	15.92	30.34	19.93	29.52	19.08	
1947		23.55	19.20	15.54	22.21	17.21	29.40	22.83	
1948		19.87	17.90	13.99	19.59	14.08	29.41	18.36	
1949		21.51	22.71	16.07	26.34	20.12	36.29	28.35	
1950		20.49	18.88	16.45	22.85	19.25	32.48	26.43	
1951		28.29	26.26	23.49	30.67	26.03	45.31	36.49	
1952		22.35	14.60	11.13	20.71	16.32	32.52	24.00	
1953		14.31	16.60	11.31	21.79	14.40	22.68	15.06	
1954	25.44	19.66	12.33	10.16	18.43	15.22	30.91	25.22	

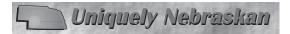
Climate of Nebraska (Cont'd.) Annual and Seasonal Precipitation, 1895-2007 (Cont'd.)

	East (Central	Sout	hwest	South	Central	South	neast
		Crop		Crop		Crop		Crop
Year	Annual	Season	Annual	Season	Annual	Season	Annual	Season
1955		15.38	14.66	12.15	17.81	14.89	19.68	15.31
1956		15.63	14.31	11.41	15.80	11.39	21.32	16.97
1957	33.53	24.84	23.22	19.21	29.66	24.04	33.43	23.98
1958	28.37	23.44	22.09	17.57	23.74	17.68	34.68	28.57
1959	34.77	25.77	18.60	13.12	23.97	17.29	34.85	24.59
1960	31.28	24.70	17.41	11.00	26.14	19.45	32.62	24.37
1961	28.49	19.67	18.88	15.67	25.83	21.12	36.66	26.13
1962	28.35	21.43	26.12	22.81	27.01	21.37	29.69	20.69
1963	24.46	19.58	18.68	15.43	20.63	17.34	27.30	22.33
1964	30.16	26.02	15.39	12.95	18.75	15.92	26.87	22.29
1965	39.98	33.16	27.03	22.98	36.04	29.65	35.92	29.09
1966	21.59	17.49	18.57	15.50	17.49	13.99	20.42	16.52
1967	29.84	25.42	18.73	17.29	24.12	21.66	29.90	24.33
1968	31.71	22.36	15.39	12.75	24.08	18.53	30.60	22.78
1969		18.85	20.14	14.89	29.18	21.67	33.09	23.96
1970	25.60	19.02	14.08	10.88	19.81	17.12	28.08	21.80
1971	27.45	16.69	23.31	17.59	24.72	16.68	27.23	15.88
1972	32.52	23.77	18.66	15.11	24.46	19.27	29.95	20.73
1973	38.95	23.57	24.22	18.21	32.65	21.92	46.43	28.06
1974	20.54	15.04	14.69	11.97	15.67	12.11	18.88	13.23
1975	24.85	17.45	18.69	14.88	24.36	19.35	28.16	20.26
1976	19.07	14.17	15.72	12.75	17.99	15.16	23.25	17.91
1977	36.45	26.83	23.29	17.87	27.85	22.07	37.61	28.94
1978	29.04	23.49	15.17	11.08	21.02	16.98	33.11	26.78
1979	29.56	16.83	22.03	15.61	29.18	20.04	32.70	18.40
1980	23.41	16.97	17.05	12.45	19.38	13.34	24.98	15.04
1981	27.65	19.52	24.95	18.71	30.02	23.48	30.70	21.85
1982	39.06	29.08	23.60	17.70	26.72	19.47	35.86	27.16
1983	32.20	18.96	18.96	12.68	25.62	17.18	31.81	19.89
1984	36.59	24.13	21.10	14.28	24.51	15.34	34.89	24.17
1985	29.88	24.21	18.87	14.91	26.07	21.55	30.26	23.56
1986		28.48	17.96	13.71	22.46	16.57	38.70	28.81
1987		21.81	22.32	15.13	29.23	17.91	37.80	26.14
1988	20.15	16.98	20.32	17.90	20.53	18.37	18.38	15.53
1989		18.49	16.17	13.87	20.93	18.75	24.49	20.84
1990		19.97	17.13	11.45	23.17	17.23	26.57	18.45
1991		20.01	21.19	15.64	21.57	15.64	26.61	16.25
1992		20.95	22.10	15.53	24.70	15.97	37.17	24.81
1993		32.59	27.05	20.43	38.64	31.48	48.25	39.54
1994		20.26	19.24	13.22	23.47	16.77	26.32	19.40
1995		18.93	20.31	16.48	23.36	19.51	29.21	23.25
1996		24.76	24.70	22.91	32.39	27.81	34.65	28.73
1997		19.06	19.00	14.07	22.78	15.01	30.59	20.82
1998		24.37	18.20	13.09	22.63	15.48	32.87	21.45
1999		26.16	21.72	19.95	25.00	23.10	27.40	23.39
2000		15.77	17.43	10.09	22.76	13.64	24.76	16.69
2001		20.49	20.06	15.61	25.95	19.81	38.86	29.96
2002		17.16	11.64	8.58	15.79	10.39	23.38	15.88
2003		19.61	16.67	13.56	19.89	14.67	28.52	21.14
2004		17.49	23.17	17.96	24.58	17.33	27.24	18.75
2005		18.19	20.86	15.00	23.02	16.40	27.18	19.03
2006		22.00	18.94	13.49	25.40	18.29	28.95	22.20
2007		27.32	25.61	20.60	31.31	23.35	39.41	26.76
2007) /.))	41.74	23.01	20.00	J1.J1	43.33	JJ.T1	20.70

Plant and Animal Life

Nebraska's most abundant native vegetation is grass. In eastern Nebraska, tall prairie grasses flourish, especially bluestem. In the west, the dominant types are perennial short grasses, such as grama and buffalo grass.

When settlers first came to Nebraska, only 3 percent of the land was covered with forests. In 1872, Nebraska became the first state to establish Arbor Day, and tree planting has been an important part of Nebraska's conservation efforts ever since. ²⁰ Ash, box elder, cottonwood, locust, oak, walnut, elm and willow trees are common to eastern and central Nebraska. In the western part of the state, pine and cedar are prevalent varieties.



Sandhill Cranes²¹

Each spring, the Platte River valley in central Nebraska comes alive with the sights and sounds of nearly half a million sandhill cranes. It is the largest gathering of sandhill cranes in the world.

The cranes stop at the Platte River during their annual northern migration from their wintering areas in the southern United States and Mexico. The birds concentrate between



Kearney and Grand Island, the last area of the Platte still offering the open channels and sandbars they need. Thousands of people visit the area each year to view the concentration of cranes.

The birds begin arriving in central Nebraska in mid-February, and numbers peak around mid- to late March. After April 1, the cranes move out steadily until about mid-April, when the last of them head to breeding grounds in Canada, Alaska and Siberia.

The cranes come to the Platte to build up nutrient reserves that will sustain them through the summer nesting season. They eat waste grain from area cornfields and invertebrates plucked from wet meadows near the river. While in the fields and meadows, the cranes engage in animated dances, probably courtship rituals.

²⁰ For more information about Arbor Day, see Page 23.

²¹ Source: Nebraska Game and Parks Commission.

Native shrubs include wild plums and chokecherries, found throughout Nebraska. A variety of flowers, such as goldenrod, larkspur, columbine, wild roses and sunflowers, thrive throughout the state.

Before white settlers arrived in Nebraska, buffalo and beaver populations were significant. Today, buffalo are never seen outside game preserves. The beaver population, after being diminished by trappers, has become more plentiful in recent years. Other animals in Nebraska include white-tail and mule deer, elk, bighorn sheep, antelope, bobcats, foxes, coyotes, badgers, squirrels, prairie dogs, muskrats, skunks, raccoons, rabbits and opossums.

Game birds, especially pheasants, grouse, ducks, geese and quail, are plentiful in Nebraska. The state's waters yield a variety of fish, including bass, carp, catfish, crappie, perch, pike, trout and walleye. The Platte River and lakes in the Sandhills serve as "rest stops" for many migratory birds, including the famous Sandhill cranes (see previous page).

Another migration rest stop of international significance is the Rainwater Basin district in south-central Nebraska. Within this district, the U.S. Fish and Wildlife Service manages more than 23,000 acres of wetlands and adjacent tall-grass prairie to provide habitat for migratory birds and resident wildlife.²²

ECONOMY²³ Agriculture

Nebraska's economy revolves around its agriculture industry. In 2007, 93 percent of the state's land — 45.6 million acres — was farm and ranch land.

Producers have taken advantage of the state's fertile soil, abundant water, intensive cultivation and advanced farming methods to produce record-high crop yields in recent years. In 2006, gross cash receipts from farm marketing totaled over \$12 billion, and Nebraska had 47,300 farms.

Crop Production²⁴

Nebraska is a national leader in crop production. In 2007, Nebraska led the nation in production of Great Northern beans, grown in the western one-third of the state, and in popcorn production. The state ranked second in pinto bean and proso millet production; third in corn for grain production; fourth in all dry edible bean and grain sorghum production; fifth in alfalfa hay production; sixth in soybean production; and seventh in winter wheat and all hay production. Sugar beets and potatoes also play a significant role in the state's agricultural economy.

²² For more information about the Rainwater Basin Wetland Management District and national wildlife refuges in Nebraska, see Page 151.

²³Information for this section compiled from the following sources: Nebraska Department of Agriculture; Nebraska Department of Economic Development; Nebraska Department of Labor; Bureau of Economic Analysis and Bureau of the Census, U.S. Department of Commerce; Bureau of Business Research, University of Nebraska-Lincoln; Fortune magazine.

²⁴See Page 469 for a complete set of Nebraska's rankings in agriculture production.